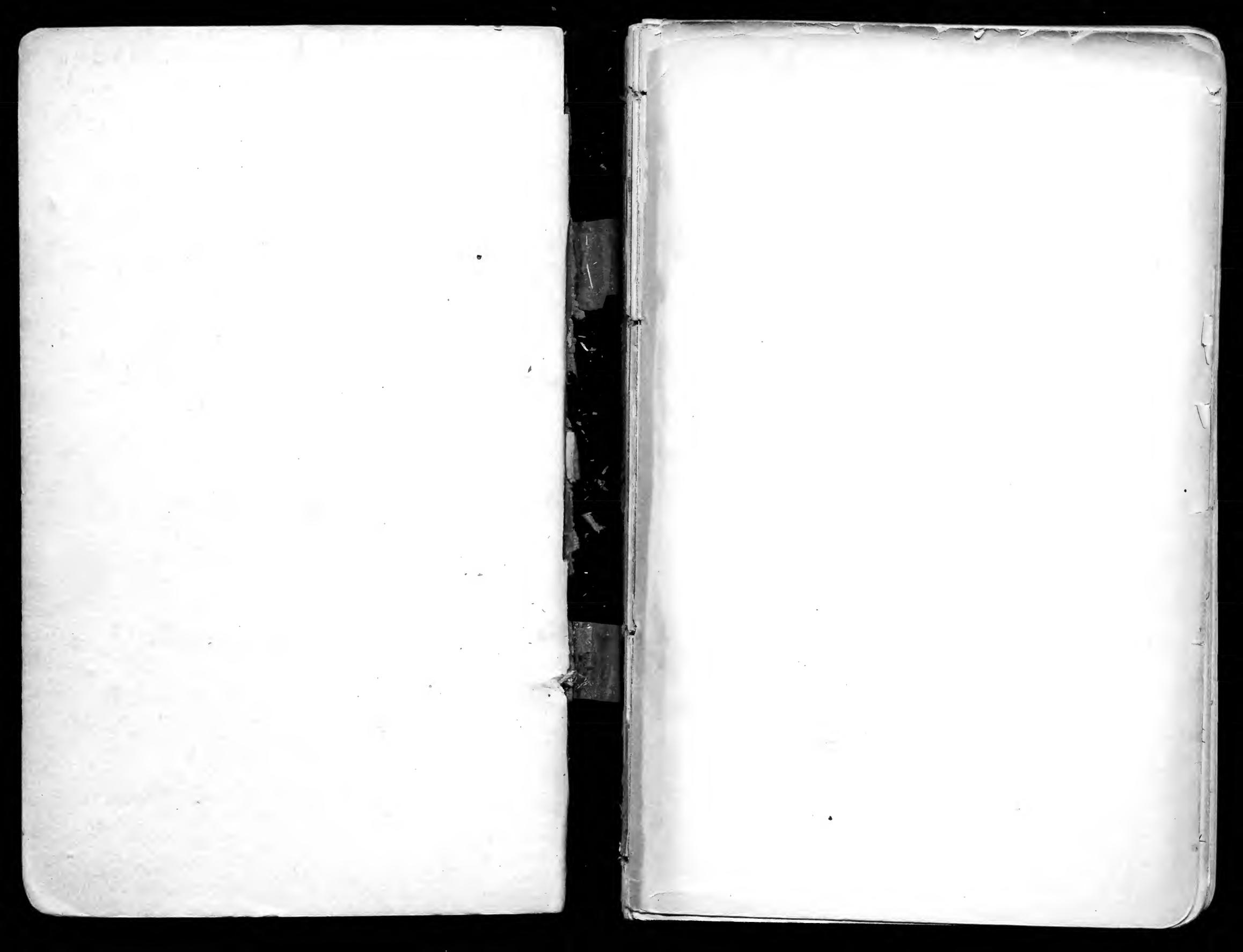
Journal Vernon Bailey.



ssed the novef a voted in ly and of sis country Col places ulorg re bleu s just & and

Left Washington Left Washington at 4 P.M. crossed the old Long Bridge and reached Richwood a little after dark, no secial charge voted in character of country or flora. Hilly and woods when vot closed. Pinus works is woot commer. Sycanous + cakes and hicara & Tutifi trees along streams -Sowe good farms, westly poor charties + Idelafitated places. a very warm day. april 5. got day light as we reached Chadfury, N.C. / all pingwoods with little charings + log bouses level country savdy soil, some places of thick where trush, swamps or flooded places some beautiful often woods. a long boved fine on with shorter leaves are in about equil abundances. Saw a little Spanish Moss and after Lassing Marion it became abundant. Reople were wating tarvear Marion. The few funifers seen were all along herees or yards and way love blen brought. Saw the first Cypress just worth of Lanes. Phosphate works and bed about Charlestan.

a big marsh and channel where the tyde flows wear Charleston, and a few wiles south we saw the first little palm like plants probably Sybaldia, and live-oaks. after crassing the Savannah River we went through some sand ridges surrive travalled with the river back a fewt wills from the bank. The highest were landly 20 pert high but were dry and varily & coursed with timber! We saw a lot of gopher hills on them, the first selved the trifi. It was probably 5 miles with of Savannah! Keached Lavannah Colout 3 P. M. and lod to wait till 7:20, trapped around town. It is a delapetated old place with some buildings that have been good. hwarm day, white 87° at 41.M. in Savarnoh. I' It seems like midsumer. Strawferries were rips at Savamah. Reached Mc Intosh at 9 P.M. + staid all night at a farm louse. april 4 got a wan to take us out to Riceboro and started about TAIM. It is 10 miles to Riceboro and good roads all the way through woods.

Riceboro, Georgia

Reached Ricetoro but could judge place to stay and were told that only some solored people were on or veles the La Cout Plantation. Found a place a uniterately S.W. of Riceforo and settled. Our mais had not arrived, so we lad so traps to begin work with. There are little farms and hatches cleaned but wast lof the country is covered with thick timber and brush. Live oaks and fines, sweet que and oyeaware are the principal thees. Holly, corums I lawrel are common shruhs, The trues, are loaded with Spainsh quass. The land is nearly fivel. I should Think there was bardly a rise of 10 feet in the form of hilly or ridge. The tide cowed up to Riccharo + past our stopping, place! mast of the white people have this locatchy in survey as it to unlically to admit white people livery, here in warre weather. all the people any foor and lagy. Most of the whites live in ald, timbledown louses I seem to be about on a livel with thy Hegras.

april 7
as our traps have not arrived we took our guns and went for birds and reptiles, linturing to finish them up as far as passible before the braps come. Killed a lot of birds of got some liggards and smakes. made up skins Shot bats in evening.

april 8, Hunted in foreroon, I got 2 Tanay Squires ra Rabbit + sout birds 7 a turll + lizzard. Laring got a Squirrel + bilds, Thompson found a big rattle anake I got some liggards or a turtle. Out tras came of we set out a line of 41. all went together so as to give Loing and Thompson some houters on setting traps. Found Mestowa bouses and some mouse foles. Did vot get any bots. We put 2 telather a King Smake & a Entaring + a Glass svake in a barrel. In the evening the King snake caught the glass svake & broke it in two and swallowed. about 7 inches of its tail We watched if catch and coil around and squeege the soake until it broke in two then swallow the piece. It swallowed the piece in about & whighto. Then it caught the glass sonoke by the strump of its to and swallowed about

Richaro, Ja. Timehes of its body then gave if up and disgorged and freed the glassenske ! Went to our traps and got one Sitomys, one Orizony, Tone VEctoria. Set a lot more trops. Shot an aligator that measured 79 inches. a cool day + chilly in evening. April 10. Caught 2 Medowas, Loring Caught the same of shot a Robbit. a cold day. Sunday. april 11 Caught a Sitomys, ablasing + a Mus runseulus, Loring caught an Ofassum with 7 young in her forch, and a Realong I young Rabbit. Howhson got one Orosomy. We wade up the speamens + in P.M. took a lot of trops and went to the Le Coute place. Found signs of Seathered our trops well over the place. It has been a fine plantation sometime The bouse has row tipped and broken + is nearly ready to fall. Some him shouls and tree stand in the yard. The ancestor of the LE Courte Pear is a large true spreading some 50 feet. a pord in the yard contains lots of frogs,

Rained in the night,

Caught 2 Mentonas of 5 Sigmodons to Reithrodon tonys. keilled some birds of caught hoogs tonds.

Losing got a Sitomys of 4 Meotonas, Thompson caught a Reithrodantomys of and rospony of a Signodon of a those eisen smake.

Resit our traps and made of skins.

Shot a Red bellied thank from a rest but could not climb the trap.

a cool day. Law but one but of diel not get it.

April 13. Got vothing new.

This got vothing new.

Warner, saw a her bots in evening but did not get our.

Christia Caught some Signodous, Sitomys,
Reithrodontomy, & shot a Lipus sylvations.
Lowing got am Orozonius & some heatonous.
Thompson found a vest with two oggs of a Mugascops and saved both eggs & bild.
I got the eggs from west of a Butto I. alleni. Shot the bird daysbefore yesterday as it flow from west. It seems to be intermediate between liveatus and allevin. The vest was about 75 feet high in a fine, eggs two.
I got daubed from bead to foot with pitch.
Laught a long, slevden bluish swake,

Rierboro

a boy brought is two water wacensons which I longht. While bavalling one of the Moceasons it struck the end of my finger with one of its front teeth so as to draw blood but no signs of poison resulted. It has been a warm lay and the first time for a week the bats flow in considerable numbers. We got 3, a Vesperugo you atalogha.

April 19. Took if nost of my trops but set some wor for Moles: Whote on my report all the oftenoor. Thoughour o horing brought in their traps they each caught 2 little Blarinas which we bod not found before. Loring & I cerch killed a Lepus sylvations in evening. Another cold day and we saw just one but.

april 16 Took of the last of any trafes
Caught rothing, Made of a Rubbit and
hadred specimens and facked our things
and left for Me fortash at 1:30 P. IM.
Arrived at the station at 3:30, a few
minutes before the train and came as far
as wayeross when we love to lay over for
the very train. Sow lots of Geomyshills
wear fessul. Country much the same but
higher. Will at Wayeross about 20 feet dup.

Wayoros to Clattohooche

Tramped around Wayeross but found no segues of yearings or other wanuals, 20 concluded to 90 on to Clattoloveber and slop Left Wayeross at roon and reached Obattoboocher at 5 P.M. Here were no live oaks or Spanish Moss of Wayeross, we saw The last of them somewhere vear fessup. Ded vot see either again till "we reached Chattalovches, geomysfulls were seen occasionally on high ground from Jessup & Clothabroches like nost nuncrow near Chattabooches. the country is slightly rolling, some of the hills are 20 felt high and one may be 40 fuft high. Pine woods covers wast of the way except scalling farms. We crossed the region that lies above for put altitudy Most of the oail was sandy, some red Land & olay. U warm day.

Chil 18 Had to go 2 2 rinles back along the R.R. to find Geory hills, but found some fresh over and set traps for them. Loring set traps off south of town.

Went to my trops in evening and got our Geornys. Stot a Vesterago. Loring stot a Lepus sylvation, got & Scaloporus. Found loves of the tibeth which borrows Tis called a gopber. Set traps forist. Then are a few Live order here, Juneus cinerea is common. It was common of Wayerass. Pinns mition, teda, & palistis Taxodium disticum, Sweet gum, sumpers virginialus, Sabal socrulat adansonii, T fucea filamentasa an common. Spainsh was is corner along the strang. april 19 Went out to traps carry in warning got & Geornes & 3 Sigmodons. How of my traps in the words were spring and Loring got wothing in his traps which were all in the woods. Eximed the namuals and were, ready to start on the 10 colock train but it left while we were waiting or the ticket agent to applican so we could get licket or have our baggage cheeked. Had to wait till the welf train at 5 P. 9.11. Could not do much work to loaded serve aux. cartridges and hunted fart of the day. It did not get dark till wer readed Chipley Sa comps hills along the R.R. until Earle Sauvo wack, live vakes or Spainsh Moss ofter bearing The Chatholoocher K. The country is wastly

Poling, soil good, nostly reddish of clayey. Some good looking farms and orebards. april 20, Wake up wear Scrawton, Miss Found plenty of hor oaks and Spainsh was all along R.R. a low plat country to Bay St. Louis with some warshes and whits. trived at Bay St. Louis at 6 a.M. Had to wait till 8 for the PO. to open. Received some letters of instructions, Loring halked or shipped 3 loves of ofleiners. then backed his things and started for Herwoods of 3 P.M. I took gen and traduped in woods Till after dark, saw our Coon but did not get it, saw several bats but did vot get augthing. The woods are bare the country is flat & resummed with searce. Found some swamps that way contain, game. 3 pines are continon, doc Imilianos originams, Magroba grandertora, Gruseus nigra & a lier out, Blue Liquidambar & Faxodium, Sabal adansonii + Michella ripurs. a few Magroba flowers au just opening. Chiva trues as in blossoms, sowe wellberries are sife. a tall specea in yard is in blossom atot day except on edged gulf where wind blows.

Bay Stdories luc. april 21 George a. Coleman carre last Tright at 10 oclock, I met him this norning It rained, all day but about 5 minutes, + rained bard much of the time. We could vot get out to do any work, It is so dawn that our spicionens don't dry but would a our guns rust toolly, Upil 22 Rained all night and fast of forevoor. We took a long tramp through the woods o waded in water balf the way, sowetives vearly to our leves. The streams and water courses were all full and overflowing water stands from a few inches to a food deep over ball of the woods. It would be difficult for any swall want to live in the woods except in trus. We found Scaloporus cormon on True over the water. In P. M. we got a boot and soved news the bay to the foint on east eids. Hunted in the woods but found no signs of traumals. Caught a fair of Cottonworths and a lot of liggards 5 done brogs. got some bids and shot hats in evening. Mr. Coleman. Killed an autrostomy carolivensis. Set a few traps but do not exhet to catch any thing! Moved from the Day St. Louis Holy out to a house in the woods on back sid of town Chard up tis pleasant.

Boy St. Louis, Did not catch a thing in the traps we bodout. Let a lot won. Shot birds + caught svakes and liggards. Found 3 Cottonworths or a Maccason. They all wanted to bite. The Maccason Lad a Neotora, hot lafgrown in its dom. + a young turly. We werein the smamps vost of the time. Coleman found a small ged + black anake, very fritty. We could not find any sign of warmab excep a Coon track land Male ridges. a cliar pleasant day, april 24 Sunday -My trops were empty. It began to rain about voon and kept it up the rest of the day. april 25 Still raining hard in worning + did not stop till obout 3PM. Ded not go to our traps till after own + found rolling in them. Went back through woods about 3 miles to the place when Brimly used to stop. Learned something about The country and where to find dry ground. There are hills across on roth side of Bay. Killed sowe berds + Bats. Got wet.

Stopped raining but didnot clear up.

Water all through the woods again.

Bay St. Louis, Miss.

April 24 Mither of as caught anything in our trops, except a water moceasin, Torok them up. Got a boat and crossed the bay to the routh side to the Whitfield Place. where we found some high ground and a praspect of getting want als. Saw tho Rabbits of caught an Opossum Set a lot of traps, engaged board with Mr. Hyatt and he agreed to come over for us in the morning with his boat. Worked till late getting the few specimens prefaced and ready to pack up. a clear, pleasant day.

Chil 27 Crossed the bay to Mr. Hyett's place on worth show. Took all the forevoor to get a cross + settled.

I got a Neotona in a trap of Column got a Sitomys. Killed some birds. shot hats in evening but did not find them when killed. Cloudy, windy + warm.

april 28 Neither of us caught compling in traps. Colevan got a gray Squirkel & I found a Coron asleep up a first tree and keilled if & shot a bot in evening. West faither up the bay and found some seams of protomas.

Coof & cloudy wast of day.

Mil 29 Caught an Chassum to Selowys + shot & gray Squirels + a Visperigo. Colewan got a Squirrel Ta Visferige Reset store of our trops. It rained bard in the night and spring irangofourtraps. a dear Tvery pleasant day. april 30 to oaif against alread wind so wasted wast of the P.M. Caught 3 Motomas + a Sitornys + stot some May 1. Surday - Jourd rothing but a Sitony in trops took them up as I will have to start in the warning to cross the boy and will not have time to go to them. a dear, cool, pleasant day with a presh breeze from the gulf May 2 Started across the bay against a had wind and were agood while in crossing. I went to the botel or wrote one wy report till train time; Mit Howfoon at the train of 3 PM. and we proceeded to hew Orleans where we arrived at 5 relock & stopped for the night.

New arleans

On passing Pearl Rive! veaithy worth we saw hundreds of Must Rot louses and now again in the big warsh about Lake Ponehartrain.

Sow large tailed Grackles and Redwings and other warsh bird. Most of the country between Pearl Rivers and Mus Colevan staid of Hyatts place on North sid, of Bay St. Louis to try for nore Me otowas for Lepus aquations & Thying Squissels! May stay there a week yet.

Third 3 Went through the two warbests - the French + american. Of game we found but 3 Sciwns carolinenses, 2 Cuckoas, a Redwing Blackbird a Jurdies, Ta swallow. The birds were picked. He warm weather and game law exclude game at this season. Found lots of Bull-brogs thrustes.

Found Mr. Gustave Kohn of his office at 14 Coronalet St. He took us to his bouse and showed us his large collection of manuals, birds, twelter, fish and other things He has 3 Lepus aquations, Lepus sylvations, about 12 Fox Equirrels of now than one show, (some from hear New Orleans, one from Menghis, some from St. Louis, Think)

New Orleans to Terra Bonne

A las a Beaver, an Other, several Muk, Coows, Passums, the skin of a Spilogale from Varginia, Tarinas, from Virginia + from Covader, George from Eld River, Mihm, + from Colorado. S. tridecembineatus from Colo!, an arvicola austerus, and aripanius, Several Sciwoftens from vear Marleans. Ove Restoria from somewhere along the cast of the Gulf Coery pieulias with white to rose + up along sides) / Sitomp gassepins, S, tencopus, S. aurealus from Za., Keithrodontormy, Putorius from Carada., ataloffo cineraa, Vespervgo voctoragans from north, 2 Vespervg as + a Myetoromys from New Orleans + also atalapla vovobacecensis and a teliotis from M. Oorbans. Has 2 Wrocyons, Scalofs of Saharus, Signolaus and Musk Rate

Twittes are the speciality of Mr. Kolnis study. Left New Orbans of SP. M. but could get to farther than Terra Bonne tonight From N.O. to Terra Bonne the land is plat of wit of fas below the rivers. Great marshes, lagooms, thick cylress dwamps form the landscape. Large fields of rice and sugar-cave grow along the R.A., the rice fields are mostly wet or flooded, the cave fields are a little above water. Vegetable farms extend out quite a distance from New Orleans.

May 4 Came from Terra Boune out to Houwa - 20 miles, Failed to find any place out in the country to stay so took our traps and set in the woods a mile or so from town and stay at the hotel till we find a place. I killed a Lephs agreeticus of a Bat. Thoughour killed a Megascaps.

May 5 Went to teaps but dignot catch any thing save a lissaed. Saw one gray Squirrel but failed to get it. Thompson had no better luck. Found a boarding place just at edge of town, woved and settled in very good quarters.

Got a boot and ran through a caval across the ananch and out on a big warsh.

Saw some birds that afread to be Gallamules Lowed on Musk Rat bous + set traps of it.

May & Caught & Sitomys but arts bad shoiled 2 of them. I but some birds. Took up trops and set them out in woods of field South of town. Found Medama bouses & Signalar runways.

May 7 Caught a Motowa a Ligwodon and 3 Sitornys. Shot a Megascols. Made up skins and finished only report for boy It. Louis.

a warm day,

May 8, Sunday, Found an rassum in a trap but it tool lost wast of its hair. saved only the skull. got 3 Sistemes one is melanotic.

May 9 Caught volling but Eitornys,
Made up a few skins, hacked up and
went down the Bays Terre Bonne 9 miles
to Rural Retreat, a fine old plantation.
Set out a live of traps, I skinned a
gray Squirrel and serve bried.
The grounds at Rural Retreat are full of
fine old trues coursed with ward and
I orange tries now full of rape print.
Great availities of blackbessies are
kife all averned the fields and in the
woods.

May 10 Caught a Sitomp and a Didelphis shot some birds, went out to lake & set Much Rat traps. Did not accomplish much. a very pleasant day.

May / Caught a Silvery, got a
Sciwry of some bilds thamped
across the swamp and started several
Swamp Robbits but could not see them
for thick weeds & brush.
Killed 2 little Bats in evening and
found a large one on the ground where
it had fallen after a light-eindently.
Have to bain the bats because we have
no alcolol.

May 12 Caught a Medowa & Siterneys.
Thompson caught & Much Rots and an Orozonups.

Found serve bitter Medowa louses and set trap for them one west is in a bollow sycaware that measures 10½ but across the hollow at base. It is a thin shall with branches around the edges. up about 12 but. Shot a Motoura as it saw of a true prove vest of base.

May 13 Caught 2 Motowas, 8 Stitomys, a Reithrobortoraus & a Mus. Workson got a Fiber and a Lefus sylvations. May 14 Caught 2 Meotowas, a Sitomys & a Rattle avoke. Morehor got 2 Sitomys & a Meotowa. Took up Traps and returned to Houwa in P.M. Saturday Night.

Houwa to Baton Rouge

May 16, Surday.

May 17 Packed our specimens and wade out report. Howkson went to Mr. Hisbert Bactons place 4 miles from Horman and caught 87 hold-Myctonomys. Said there were some thousands of them on the rafters and in cracked of the root of the Bacters stable. Warked till after midnight to get out things facked and ready for an early morning train.

May 17 Left Hours at 7:20 9:21.

Howfood Went to La Fayette, La.

Leave as far as New Orleans on uny way to Washington Miss. and Have to wait till & noswing for a train the boats do not go till dayofter towovow.

Stoffed of the St Clarles Hotel Went out to the lake and did some writing.

May 18 Left New Orleans at 8 a.M. Crossed the river and went up to Part alless on the 7. P. R. R., then crossed to Baton Rogue and bad to wait till dark for train to Notchez. The R.R. is washed out.

natchez & Washington, Miss.

May 19 arrived at Natches of 4 9.21.

and wast proje before the sun rose.

Got a team to take ene out to Washington which is 6 miles S. E. of Natches.

The country is beautiful, hilly and fine trees of fine of funifes or deidnous trues. Good fields of other ocosus.

Formal Coleman at Washington, He lood just caught 2 Sitorny s, Meotowa,

ta Blaring exilipes. Set traps of slot bats in evening.

Cold norning, pleasant day,

May 20 Caught a Sitomy and slot a Lopus sylvations of Fox Squirrel. Coleman got 2 Sitomys and a Tamias and some boids. Shot a Vishering in evening, but it is cold and cloudy or rot range bots appeared. bream to rain in evening and is cold.

May 21 I caught vothing in ery traps,
Stot a Scinropterus + a Megascops.
Coleman caught a Neotoma + 4 Sitornys +
slot an Egrett. We cach stof a little
Vishertilles in evening.
a clear day and very cool.

May 22 Sunday, Did not find much in trops. Column got several warmals.

May 23 Caught a Motoria of Rabbit and shot a Souroftens sown birds. Caught a Ceron. Set my trops down the creek in an old nursery. May 24

Caught 3 arvivole pinetorum (;) and shot 3 hots. and some birds. Calaman got a Motoria T 2 Sitorup Ta Rabbit.

Reset a lot of my trops.

May 24 Caught 3 Cerricola pinetorum!! a vel a Blarina. Found Shrew remnays in some brushy woods and set traps for them. Calesman caught a Coon & a Motoria.

May 27 Hove worked late night and not written journal for several days.

Do not get many things except bots which are numerous. Have got a few Blarinas of Fax Squirrels of a Laminas.

Killed a Buto latisaina of a Coloptes ansatus to day. Got afartially albivo Glothlyhis trachis geoterday, Clearwarm weather with a light plower this evening.

Washington, Miss of Natches

May 28 Caught a Sitomys + slot a Seiners Carolivensis.
Resetmy trops, packed skins, wrote on refort in evening,
Cleaved up, pleasart.

May 29 Sunday Caught 4 Blasinas

May 30 Caught & Blarinas, one of a small stevder sheeies different from that eaught before. and an Orvieda. Coleman caught 2 asviedas. Went to our traps early, took them up, made up the obins and packed our boggage. Started for Matches at 10 9.M. Hod to wait at Matches over night for a train enroute for Mer Rouge.

a bot day, dust dup and soft along road.

May 31 Left Matchez at 6:30 a.M. on the 21. Scatt R.R. Crossed the Miss. R. and proceeded M.W. to Rougille where we have to wait again till 5:10 P.M. for a west bound train.

From Matchez to Rappille the country is all flat and hartly blooded. Thick words of sweet from Oaks, Hicara, Cylress, Sycamore, elm tother trues cover the country except where cleaned.

Sabal adansoni, and autodinaria gigantin and Tellandsen usevoides are characteristic Some large plantations of good cottons of corn lie along the R.R. but over half of the country is uncleaved. The land is so low that it is probably unhealthy. The water is gust reaching Rayville from a break in the Miss live and is implaces 3 feet deep and pouring down in great streams. Left Rayville at le P.M. and reached Murroe and low later and hove to wait till 8 a.M. for train to Mr. Rouge. The same plate low country to Mouroe.

fund Left Monroe at 8:40 a.M. and arrived of Merkonge of 10 aM Went out into the country and formal a place to board about a guile from town with Mr. Hardness. George hills and more ridges and common, set traps. Then are vaid to be fox Samuels in the words but we did not find any, Saw one from the train as we came along. Rained hard in the right and in showers wast all day.

Mer Rouge, La.

June 2, We got each 11 gearys I killed a Fox Squirrel and Colewan a Cottontail. Colewan abot 4 Bats and I ove. A cold day so that we work our coats all day for comfort. June 3

Caught 10 Georges, shot 3 bots + got a Mink of a fellow who killed it in the woods-Coleman Caught 4 georges and shot 8 bats.

Had a mess of fried Groung for suffer and they were good, no bac flavor, were not well cooked but would have been very

June 4 Carelt a George & bought & Moles
of darkie boys & stot 2 bots.

Coleman get 2 George & a Gray Squinel &
a Barred Owl of stot 3 bots.

Got letty of instructions.

June 5 Sunday.

Junete, Wrote on my report + backed things in a.M. then decided to wake one nove effort for Squissels and not start till townshow. Hunted all of P.M. in the purp hills 4 emiles west of here. but found so Squissels. Got caught in a basel rain.

Mer Rouge of to Mouros, La + Texarkava and June 7 We hunted all of forewoon and each killed a gray Squirrell but row not fox Squirels. Wrote on pepart, skinned squired, & palked up in P.M. and left Mer Kouge at 4:30, racked Moural at 7:30 and last to wait 23 lours for west bound train. a bot day, heavy showers around. June 8. Had to wait all day of Morroe for a train to Threefort. Finished up my Repart and wrote letters. Lacutified a few plants a bot lay. Jun 9 Reached Shrwefort at 2 a.M. Forwal Hompson and gave him instructions and tooka 9:30 a. M. train for Fexantam. and arrived then at 2 P. M. Took a long transf out of town but found The country all thickly settled and in good colleting ground. Concluded to go farther west & sows wilder locality. Have to wait till warring for a train. 1 From Shrevepart to Texarkana Un country is somewhat hilly, broken and open.

From Shrevepail to Texarkana the country is somewhat hilly, broken and open. Then is not much havy forest but wast of the country is covered with scrubby Querous migra and Pinus tida & Whitis. Some brushy thinkets, den grassy patches, Larger timber along streams Some Geory bills along but now of Texarkana. Soil savdy gravely, r clayey. Some boulders.

Sure 10 Left Texarkava of 8:35 a.M. Sorubook 4 Sorub-pins openings continue west of Texarkava to New Boston whele is a good sized prairie, broad, smooths and grassy, yellow with flowers. Some warshes on the plaining. Looks like a first rate collecting ground. Should think the prairie was 4075 miles across. Swaller ofenings + prairies along the R.R. but serub timber covers most of the land. Som laces not settled for many wills - Sowe good farms of cottant corn. From New Boston to annove circular wounds are scattered allolog irregularly. They are 30 & 60 feet across and 4 tole feet high. circular and even in orthine, often, cover a third of the land. are all on holling land Toot on flood land. We just like Wase so common on the fight growned 3 rules west of Mer Kongi. I can suggest no good arrigin of these nameds. Wey are day soil to cent of be duois. We too numerous for human wask, too large for animal wounds unless wade by Migatherium. are too circular and even for inverge or glacies dehasits. Forest trees grow on them. Have not examined the soil structure. Bought my ticket to Oak Grove, but found no one lived there so went on to answer but did not like that + went on & Clacksville & got off. Transedover

the surrounding country all of P.M. but found

Clarksville 4 to Paris, Zex.

ve signs of warmals. The soil is bard and baked reracked open La muddy this warmher wit, conditions which exclude ground inhabiting readents. Set a few hops but with no prashlet of success. Shot an atalopha in evening, quess I will more westward towarrow.

Vewell Took the 10:45 Train west to Blasson, then & Rew + then & Paris when I stopped and set traps and shot bats in evening. Stat 3 Walapla Caught rothing in my traps at Clarkville and do not expect to here. The soil is hard and baked. Most of the country is grassy prairie or fields. Prehaps' balf timberlot. Timber + prairie alternate from Clarksville to here. The large mounds extend mast of the way from Clarksville to Paris. got a set of years of the Sciesos-tail Threatcher and saw the find alive for the first time a hot day.

June 12 Sewday, a lot day 88° in my wom. Don't fed well-

Paris, Zex. to arthur

Vare 19 , Took up my trops, they had not been touched! I Stot Scissor tails + a Chondestes & made of skins. Failed De get a Sturnella. Was sich all right and am now so weak? can hardly start up. My eyes begin to turn yellow so I know it is only raundied. Could hardly drag myself plants; Will take The GP. M. train northward. another hot day. Left Pairs at 6 P.M. + went to atthur, 15 risles worth at crossing of the Red R. and stopped. Slot at bots but got vone. all day land from Paristo arthur, some fields of Cottoor, outs, carr, caston-plant, ete_ Most of theway is uncleaved sentook Card, arthur is compased of 6008 little bouses on the bank of the Red R. a crew of wen are building a saw will.

June 14, Crossed the R.R. bidge and hunted wast all day on warth side of river in Indian Territory. back a mile from river found sandy land about high water livel and caught 4 Geomy Tuga on it. Shot 4 Gray James les.

June 15 Hired a war and dog to go with we hunting squirels. Killed 7 Fox Squirels, on black one, the others as usual. They are different from those of Louisiana. Hunted through the fine of fack ook ridges a few miles S.W. of athers. Didnot see a Gray Squirrel. Hofthe Squirrels were of vs q. 4 adult of meanly full grown of the year. Stowachs full of muts of a Hack substance. Inoboby lichen or fringers.

A bot Lay. Shot 4 bats in evening.

Twell Left arthur at, 7:40 a.M. reached 7. Smith of 1:30 + left for It. Libror at 4:30, arrived at Gibson at 7 P. M. Passed, through timbered country, from the river buck to grant, then struck ohen prairies alternating with scrub out obenings and himbered creek beds flats, splewdid grass allover prairy, very little stock or Lettlewent. stations dwall T far afect. Steadily climbing up grade till we began to strike rocks and high-fine count ridges of Rodney, There quite wountairons Long ridges rise looo fut or so and are covered with thick ping forest, look black. R.R. suns through open parks of spludied grass &

· Consister on water the consister of

timber of various kieds is abundant dory the stredus, Quercus nigra and obtusilota are the was I abundant trees on the hills except where pines take their place. The pine is kather small and slender, probably los been thing out for lumber as will are conven along the R. R. It looks like P. tida a unites but I could not be sure. Elms, Hicara, Querous phellas - alba o others, aces, Fraxions; Platams, Sweet Jum, Sour Jum, grow doug the plats diel sot see Sweet Jun til with Tof Standley your we strike lower land. not much there. He vegetation is rank and presh grass it tall and flowers numerous. The saws kind of wound extend all along, on both prairie o timber land, flats and hills , also extend to It. gibson From 7t. Smith & Gibson the country is rolling, hilly, and plats, timber and plate, timber vegetation and beautiful country. Hot much settled. Fields of cotton of 7f. Smith + 77. Geboen. nove along the R. R. S. of Smith. Carn and outs are the common crops. Geomys hills first deen at 7t. Smith

If Gibson to Marionville, Mr. they seen of Gibson. May occur along the word through the Territory but diet not see them and do not think they are between arthur + Ft. Smith Reachel Ft. Gibson just beforedark hur 17 Hunted, set George Teans. Killed a Cottontail & caught on from Rained in P.M. so I aprild hot attend to my trafes. got a few field. Packed strus and stuffed my Squirres from lethur. got some good information our warmals from Mr. Mash - a werehart. June 18 Found nothing in my traps, took then of, pecked of and left F. gihour at 10:30 a. M., arrived of the Swith of 1:30 and of Marierville, Me, of 9 P. M. The forevoor was hot but as we climbed the Ozark Mits to Fagetheville it grew Cool and delightful, probably a change of weather as well as change of altitude of latitude. Wheat and cherries are common of H. Fibson, the first I love seen this year.

Moeth of It, Sulity I began to see fuller of barley o wheat at & Ringonwood (?) and

such other vorthern crops as clover or tiwothy. Strawberries, grapes, + Cherries are laised vear It. Smith! a yellow basked Birch grows along streams varth of 74. Smith. Sweet gum extends sowe voith of their but does not reach Rivgouwood. Fayethville is of the Top of the Mts., here I saw the first Cansothins g. cactines or tinetoria, two characteristic northern plants, Saw a single tree of Populus tremulaides just north of Silignan. Between Jackield and Seligman the country is very rough with duf garges, rocky ledges and high stup sidges all coveried with thick oak timber. a good place to collect. Saw a Wood chinak Clinging & a wire fence vear track. It was widetly taws, was with a couple of boys. Yarfield or Greenand enight either be good places to collect, but Fayetteville is probably the best point to work. Saw ro John hills between 7. Smith & Mariawille. June 19 Surday - Staid at Mariowille. Found bash, Canothus, plantain, poke,

fine 20 Took the stage at Marionville at 9 a.M. + reached galena at 3 P.M. My trunk had not come so I will not have through but want till norming to go out to Powell place. For company on the stage I had Dr. Hones of Galena and a young wan from ash grow, We. bother intelligent wen who gave me encel information of a rebable daracter.

Along rough word, over hilly country, very stony timber worthy sewbook, many vorthern plants.

Cave and kindly offered in a ride.

Cave and kindly offered in a ride.

Left Galena at 70.14. and reached Mr. Fowells

Place at voon. Saw vo game along the

rood though wast of the way through

emattled words and over Timber covered

ridges. a rough rood, crossed a

small creek wany times.

Went to a wind cave where a strong

current of cold air is constantly soming

out with considerable force.

In P.M. went into the cave and followed

many of the passages for long distances.

Found signs of Motomas, + Sitomys, oan

no bats but lots of droppings.

Warble Cave, Mo.

Fook some diest of the annual Passage but the dust choked up badly we look so clother shouge for our face. Saw 2 wild turkeys wear the cave but too far away for a shot.

Shot of a few Ft bots in evening but did not get any.

Chartwarm, a shower in after room.

Twe 22 Bossowed 3 traps of the Powell boys and set. Hunted some and wrote of some back report. Can not do much till my trunk comes.

Twe 28 Caught an Opossum in a traff and the dogs found a large Wordshick. Hunted and looked up a lot of plants.

Some 24 Killed a Familias and a gray & a Fox Squirrel. My trunk cause in P.M. & set out some traps-Rained bard, was out and got wet.

Jemes 5. Caught a Motowa Set 40 traps in the case + helped get out dist and bones from the animal passage. Put up the skins of spiciwens taken before my Think came.

Marte Cave, Mo. Tune 24 Surday Nothing in any of June 27, Caught one Motons, Had it cooked and it was very good. Not in any way impleasant - Nove of my 40 traps in the cave spained or the bait touched. Reset a few traps outself of cave & worked in the bone tunnel for awhile July 2 Hovert caught much for several days, Have transfed over the ridges for long distances but manuals seem searce. Caughton Sitomy but overthing atist. Caught an ald Skurk yesluday veas entrances to Marthe Cave + caught 2 young at sawe bollow her today -Have Killed a pew Squinds + caught a few Neolanas Nothing touches the traps in cave. Blackberries + bluberries are getting rips and are quite plenty. July 4 Killed some squirrels & birds Hunted nost of the day. Went to the trafes in Case but found volling in them. Very 8 Have all my things packed & 4 boxes of specimens ready to ship. Started for Galena with Will Powell. Stopped of I holy for the night, Went to dall on Dr. Joves & got some accurate weasurements of the cave. He has surveyed it carefully

galera to Marionville, Mo. and is a wan of intellegence + seems reliable. Wrote on my refort in evening. Rained hard I'm P.Ml. + we got sowe wit. July 9 Left Galera on stage at 9 a. W. + rached Mariswills at 4 P.711. Finished my report before taking hair at 8 P.M. or Greenfield. Reached Greenhield South greenfield in suddle of night o west 6/hotel. July 10 Took a long trawn about South Preentield and ingelied about the country of animal/life Found a bard clay of t as segues of animallife such as want, so trok the 10 a.M. train for Golden City a little forther west. This does not promissively but will try it a few days. July 11 Morday - Starter out early with gun of bog of traps, asked lots of questions among the farmers. tollowed a load of hay and laughtone young Owicola wan a pay-cock, set hope around in the fixed but didnot Potit + 2 gray Squires.

Golden City, Mo. to Pittsburg Kensas July 12 Stat 2 half grown Spernophilus 13 liveatus & caught 2 in hops. Caught an Opassum with 3 young July 13, got one Spernophile + stot some birds + a bot. Feel tired and half cick all the time, am either bilions or bave walaria. July 14 Caught one wou aricola, Took up trops and packed up and took the 11:10 train west to Librol. Stoped at Liberal & tramped around some but can find so signs of geomy vor rear of any. Will take the vert Tain S.W. to Pillsburg if the train ever cones, Am waiting for it & it is von a lowers lots. May slay at Pittsburg but not unless I find some prospect of animals. Reached littleburg at 6 PM + lad to wait till 8, oo had time evough to take a transp and see that it offered a from prospect for collecting. From Liberal to Pitteburg there are but few farms. Coal is found all along. The land is all prairie, grants level and with a splind growth of grass. large tracts are ferled I had for hasture. Minden is a swoody little cool lown on a big, smoothe, grassy prairie.

Chetopa

Pittsburg is a coal minner of smilting town, surrounded by glassy prairies to very few farms.

Left Pittsburg just at dark and diel vot see the country thence to Chetopa,

July 15, Wake up in a new place, Chetapa, Kan. Took my gun and transed all of previon but soon found that no Geory's vor wany other namuals occur here. Killed a Cottentail v. a Sturnella waqva + a Lanus. Saw a Milvalus forfication, Killed some other birds & su what they were eating. The country is prairie except along the Measloe River, where it is woodeel. Most of the land, out for 3 miles from town of least, is cultivated. Some large fastures rewain in votive grass and are little charged from the original prairie. Wheat, outs, carh & cloves and timothy lay are the principal crops. Much fruit is raised, such as apples, wastes, pears, plums, cherries, and swall fruits. Then to hardly a trace of austrorifacian life hers. One Milvalus forficatus and the Catalpa bignonoides are probably the wast southern forms occurring. a hot day, 93° at 3 P.M.

Coffesville, Kunsas to Cedarvale. Taly Ke Carrie in Late last night and This norning started out to prashect. Went 3 or 4 rules S.W. of town well out on open trainie. Forma signis of arvicola t Sperwophiles & Robbits. but growings does vat been to be here. Found we signed of them and wo one live knows them. Saw Clocaris + Bartrams Sandliper V Chondistes, all prairie species! Have to wait till 5 in the amorning for a hain west. Rained hard at voor o some wor in evening, July 17 Left Coffyill at 6 a.M. + reached Cedarvale at 8:20 a.M. Followed onek valleys nost of the way. Found the sail

Tuly 17 Left Coffyiell of 6 a.M. + reached Cedarfall of 8:20 a.M. Followed onek vallys most of the way. Found the sail rich + wellow, crops big, farms thick + prosperous, small towns frequent.

Timber + brush + beig weeds along strain vallys, prairie high + rolling, that grass, Hills often rocky, some 2 or or 3 or feet higher than creeks. Sandston, fassiliferns line work + stale common.

Saw Milumbium luturum in blossom vear Peru, in a little pood, Saw bares an another place. Daw several Welanerpes enythooglabus.

Strained my eyes for Georges hills but own

Ceder Vall, Karsas

July 18, Telegraphed my where abouts.

Hunted & set traps. Went across the creek south of town & set traps along the rocky bedges and over the grassy hills of the brains. Killed an Amundamuss.

Jurdalidas & an Autrostomus carolineusis.

Shot a Coccysus ownicamis to but & land its aignaid full of green worther, sover them.

Found signs of Medowa & arricola & set traps.

Transled a long way back own the fraini without finding much. Climbed to the top of the highest hill rear best & estimated it.

July 19 Caught a Posseur v sove Mebtonas and a Sitonings + stat an antrastomys. Stavore tropo.

July 20 B. H. Dutcher arrived.

Caught 4 Possums, 5 Motomos, 2 Sitomys, of shot a Gray Squired. Made up skins or rest fact of my traps.

July 21 Caught but little. Packed some specimens, It are bot in evening.

Ca bot day 95° at 6 P. M.

Will go west in warning.

July 22 Left Cedar Value and arrived at Belle Plaine about roon.

Belle Plaine, to Cairo, Kansas

July 26 Have been trapping on the low land about Belle Plains for several days without getting much that George To Sitonys. The country is all in failes and crops except a few pastures and along the railroads. got a train or buggie and started early in worning for a place where There are said to be Plaining Dogs about 13 miles worth of new mean Derby. Crossed to east side of arkansas K. housed through Mulvave, then struck high, rolling prairie with clay soil. Found the holes of Prairie Dogs on the Farm I Her. Sparret, a will south of Derby, but saw vo P. Do. Thenale Dail to be others near by but all in ewall groups. Got some buds o other Things a Lefus sylvations & S. 13therotus which Dutcher beilled. Returned a Belief ain & hacked us.

July 27, Left Belle Plains at 10 a.M., hod to wait at Wichita tilf 5:50 P.M. and then reached Cairo, Pratt Co., a little ofter dark. Followed ruff the arkansa Walley most of the way to Michila so they was what which change of country Then crossed it going west and struck

Caire, Kausas

high, clay prairie some live miles west of Wdehita. Daw Geory hills on randy bottom land west of arkansas Kives, but none on the clay prairie. Formel them again on savay creek bottom west of Chevey and some on a clay ridge west of Murdock, Near Kingman the soil becomes work sandy and geomys wills are are common to Cairo. Traini Dogs saw a colony of some 40 acres of P. Dls between Garden Plain & Cheney and Burraving Owls with them, also a few Civouys at west of Murdack. Lefus tixlams, Law 14 from Chency westward Followed the valley of South Fork Minnesonh River wast of the was from Kingman west. Sardhills and rulling pairie + river plats + narsher. Very few trees, only stunted without T colloword.

July 28 Engaged board with Mr. Grier, near the Station. Took traps of went across to noith side of Nimescah R. That trops along edge of sandhills. Caught a Glowordy of and droised a fin f. Mr. went about & 2 miles west & a D. town. Shot 2 Cyromp + a Lefus texames

July 29

Caught 3 Geory + shot some

birds. Basif Caught 2 Prodipus

+ a S. 13 lineatus + shot a Lepus Uramus

+ some Night Hawks.

Subject Caught a Spilogale + Stot 2 fack Robbits. Caught another Spilogale

ling. 2 Left Cairo of 5. a. M and stopped at Garden Plain. Set traps and bluted. got 4 georys + a Prairie Dog + a Zehus sylvations + a Sperwophilus / Elivestus & caught a yawa rogusthus paradogus in suprans. Skinned the specimens, wade, 2 skeletons ling. 3 Left Garden Plain of 6:45 a.M. wade close connections at Wielita and started south from they on the S. Te arriving at Ponca station at 1/a.M. Walked Sames to The agency when I found Preble at Mr. Bevorlands place. The Indian police had seared Proble out of doing any work till leave. got our things out as soon as passible and set out trafs. Could find vo Speniosfiles to uss bi-sulphide on, though this holes are conwon & I heard ove.

Ponea à ganiesville

aug. 6 Left Ponce of 11a.M. and reached Oklabowa City about 2 P.M. Preble with me. Went out hunting & looking over the country. Killed a Sciuropterus & shot at bots. Found plenty of timber along the stream. Oklahowa City is close to the N. Fock Cavadian R. Rolling training extends back excelt doing strucios. Some ridges an covered with Servit oak aug 7, Took a long walk & concluded to let Preble stay and collect for a few days. I started on again of 2 P.M. and Macheel gainesville, Tex, of dask. Took roth, all along the road. Believe the line between austroripacion and Carolinian strikes across south of Purcell. The same prairie plants that we found in Kandal cause down us for as the Canadian A. north of Purcel + were not seen south of theye. We followed the value of the Washita R. for a long way, and, south of Davis. struck into rocky knows and rough country.

struck into rocky knows and rough country. Douglasty secured an unusually browning locality, a little station in the words classed the ring with rocky redges on two sides and prairie back of the ridges on the

sides and prairie back of the ridges on the S.W. Decided to have Proble stop They

on his way down.

gainesville Tex. Tug. 8. Found Ragsdale and talked with him awhile. Got a place to stay 3 miles N. E. of gamesville with Mr. J.L. Hayes, on the prairie a mile from the Cross Limbers. ling. 10 Dutches arrived aug 15 How been a week at this place and will have today. Have not caught much. Swall wannal are very occase. Spendes, Mink, + Possums + Coon are numerous, Rogadale seems upraid to give rose any positive infortuation for fear I will wall cove use of it, Thinks he ought to be haid for the bird reports he has sent in We have worked over into the crass Finbers 2 or 3 rules and Dutcher made a trep, to and across the RedR. The auts have cater several of over best spreiners of awall namuals The place has not proved proffitable. Dutcher you goes bouth, storking a few days vear It. Worth, Wennton the Bragos River. I work N.W. Preble is of Dougharty and Coleman of Combil Bluphs. Left gainesidle at 5 P.M. and it grew dark just before I reached

Henrietta. arrived at Wichita Falls at 10 P.M. Passed through the upper Crass-timbers between St. to and Belcher then the prairie seemed boundless on all sides, timber or brush along a few steeams. Saw a few Misquits just as we passed Beleber of they seemed common themes on. It grew dark after we passed Dass. Had to wait of Henrietta of reached Wichita Falls of 10 P. St. put up at the St. Elwo Hotel.

Aug. 16 Took all of the loceroon for writing lithers and found late of Prairie Dogs of short a Sursnophilus

Bliveotis set traps.

Aug. It is a love string but it in a role and kilbed it with bisulphide in a minter. Tried to catch P.D. s to experiment on but distract catch any. Will go down to Seywour to stay one night, then come back hen try the P.D. again. Kilber a Cottontain The country here corresponds in dryness and general appearance to the plains about Cheyoun, though good crop are raised plains, they good the plains about Cheyoun, though good crops are raised plains, they have hat. Cottonwood timber

grows along the river some places a mile wide. Mesquits (Prospis grow in the washes and on low benches The prairie grass is short o scattering. much of it a little gramma. Left Wielita talls for Segmon of 3:20 P.M. and arrived there at 6 P.M. Trovaled S. W. across misquit covered plain Prairie Doys were abundant all The way, saw 9 Lepus sylvations + 12, texiams. Countrel 8 Meotowa houses in one patch of wesquits, 9 in another + 12 in another. the vests are built up around buyohes of mesquit or independantly + look like Musk hat louses. Testimated the number of P.D. holes at 5 to 10 to the acri. (Should think they would average 5 to the acre all the way including places when there were nove! never saw so wany P.D. pelore, vor so every distributed. Could see no holes in corn fields but in vew stubble fields they well cornor. Siemed to be where in the older fields. Saw & Cottontails sun to P.D. Holes or get down in partly out of right. The mesquits are scattered our marly al of the country, look like archard trus in places, sarry our to feet high-Well out to a start hurit before dork, but

found so signs of small wannals + set but 2 trops aug. 18 got up early of went hunting before breakfast. Jourd tracks of Kargaiso Rots of a little Perogrations in savay banks along the Brazos River. Saw nothing in the wannal line save Cattorlaif P.D. No Cottonwoods along the rivernere. We largest try is the little Cedar Elinrarely 20 feet right or servery. Prosopis is abundant. a Spices of Kanthoxylum is common. + a Lyssium + Cacturs T Salamm rastration. Craps of corn + grains + vegetables are raised on the prairie when it seems like a dry desert. This year is dry but they say for 4 years crops love been good along the Bragon. In returning from Seymou? to Wichita Falls I saw rathing new save a very pretty girl and the usual number of Cottentails (7) + Prairie Dogo by hundred Reached Wichita Falls of 1/ a.M. 4 in P.M. set trape for P.Do. Twhen caught exterimented on their with ti sulphidy. Caught 3 Teherimenty successfully on his. The other got stuck in the hole and I proke The string lying to draw him out.

Wichita Falls to Clarendon, Texas. avg. 19 Didn't catch any P.Ds. got ore Cottontail.

aug 20. Caught 3 Cyronys Ta Mephitis. Gave them all visulfilids. Could not get one D. D. out of the bole, broke the slings. I Partly resussitated on 1. D. but it finally died about 3 bours later. The Skrink went down a P. D. bole, bisulphided him fort let him out too seen or he hartly revived but did not still often I he came to like the second time. I then gave line another dose ocut of his head. Left Wichita Falls at 3 P. 211. for Clarwdon, arriving there at 9:30 P.M. It grew dark as we crossed the P.D. T. Fork of Red R. but Lower Sovoran ceine up that far pronouncedly with lots of Prosopis, Lyssum, Ofuntia + other Borozan forms. at the sives we wet an allehisia, probably of Upper Sommen sarge, but it grew to dark to see anything! Cipronys abundant all the way. should say they would average at least 2 to the acre throughout the consitry. Geory's hills were Common in the Rease R. Walley near Version and in the P.O.T. Fork of Red K. Valley from Children west to river. Not seen save in thise locatilis, where it is saidy. Most of

Prairie has a hard, or clay soil. The very fall little Cottontail was abundant all the any. at least 30 seen. San 5 lehrs tigianus. Sav or S. Blineatus at Harald. The P.O. Fork of Ridk. is a dry savd flat about half a mile wide. Is probably the wain branch of the Rid R. I ought to have stopped of Mumphis but a distarted R.R. nap caused we to come to Clarendon. Probably the goves muit mean Memphis. at Wiehita Falls to a coof, fresh air at Clarudon. aug. 24 Surday - staid all day of clarevolow, tramped over the country Difedonys, saw Lifuster, Lisylvation palliclus, + holes of PiDs. The slevels baved attenistics is obrushant. Prosofis bushes are quity common in places but smaller than usual. Saw a Sparrow Hawk + Shrike + lots of Otocoris. Took a 9:30 P.M. Train for Washburn. Could get as train in daylight.

Washburn, Tex.

Aug 22 Water of in a place I lood not seen. Found myself on the smoothest, biggest prairie I ever struck. Not a bush or weed a foot high to be seen in any direction. Start grass and swoothe ground. Surface in long gutte swells.

Shot a few birds, set traps, wrote an book reparts.

Exernophiles. Made up skins a finished my reports. lings 24 Went to trops early, got 2 Personathe an Ongeboury 7 a Sitomys' Got a saldh lorse & start of bo the Cavon of the P.D. Fork of Red R. 13 miles south of town. Struck the cavan about 3 miles west of otraight south. Could not get my porse down it so left him and dewled down to the bottom. Found lots of new and strange plants. Collected son. Found so wannals, but saw Coon teaches in the end of sives bed. Saw a few Podet Topber hills in prairie. Coming buck I sein 3 antelops o took a couple of stots at them of long range. Should like to trop in the cavon. Cattle blasses run in it. Those are but few blaces where you cauget down

Powhardle, Teyas. Didnot get back to Washburn till 7 P.M. Then packed up avol left on the 119.21. train for Pan Havolle, about 15 miles north of Washburn. (ing. 25 Found suggest in the little town of Pawhardle, still on the State of Plans land the same kind of country as at put up some sprewers brought along Wrote up my who to date. In P.M. tramped over the prairie but found nothing grew. Mr. Edward Shy, a very well informed, wan with whom I stopped gave me the

skin of a Lynx bisides quich very good information about the country or animal

Rained in evening. Am ready for an early start in thorowing for Canadieus;

Water is reached of from 300 to 400 feet. There is a swall colony of Cyronys veri

town.

Pour havelle to Cavadian, Tex.

aug. 26 Left Pawhards of 4:50 a.M. before it was light enough to see the country but it soon grew light. Ofter passing Pawfa we struck the head of a small water course and followed down if till the country because quite broken and cut through by channels at Coddington. Off of the sedes square loffed butter and table lands reach back and form a broken edge to the I law Estacade. at Miami there is quite a wide river-valley with a Lew cottonwoods & willows seathered along the day river bed. We sail becomes nore savdy. grass is taller, a few German hills offer. Settlements are small o farchest and ranches few. Miami is a nice little place of a closer bouses valitle hotel. Reveled Camadian at & a.M. but my trunk was put off by mistake of Maini. had my gun and 9 trops with me so could do some work. Hunted, set my traps & collicted a few plants. Careful are George + Stat a Geococcyx in a channel of the sandy bottom of the Cavadian, owing to last nights vaid rain. The valley is wide and flot. save dures skirt the river on both sides. The valley is all randy. The prairie back of town is a sundy clay. The bottom of the defeat channel of the innis clay.

Cavadian & Woodwares

aug. 27 Only caught 2 geomys.

Bug 28 Caught 2 Peredipus 3 Georges and a Stilogolf . Killed the Stilogolf with Carbon disulphide T it did not stink. Dog a tole about 10 inches deep in the ground vear it dragged it in trap to the tole and tumbled it in threw grass over the tole and powed in bioulphide T in a unimites took out spilogole dead.

aug. 29, Left Canadian of 9 a.M. and reached Woodward of 11,21. Crossed the wide sand bed of the Cavadian River and struck into sand hill country. Crossed a few small creeks with scattering trees (Cottonwood of Cedar Elm + Willow? Most of the country is sand-hills or rolling prairie covered with spleword grass. They a per strips of clay soil crassed. Very few ranches seen and but 2 small stations. The train seared up 3 places of Pinnated Grouse, seewed to the 80210 in each of two plocks o I saw 5 in the other. Saw to other birds of wate. Jeonys hills were common all the way, Of Prairie does I saw but

two swall colonies,

artemisia Silifolio was abundant all along except on clay soif. anorphia was common part of the way. Other characteristic plants noticed were -Exitropis lamberti, Baptesia, Romalea Terriflora, Orgenone platiceris, Solamun Nostratum, Aselepias verticillata, Thomasa leptophylla, Euphorbia (13 species) Erigeron (colleta), Salidago, Corropsis tinatoria, Opinia engelvani, Rhis arountica, grafe, Ceptalanothus occidentalis, (Populus novoljera, Willow along streams) The grasses are the nast claracteristic plants and in places wearly the only ones. at woodward the country is the saw, rolling savdy prairie and sand ridges near the river. a few scattering cottonwoods along the river. Set traps, killed a Lipus tireanus o caught a geomy, Finished of the skind vot nade up before starting. Rained sowe, cold all day so I would coot hunting.

an Onychonys, Found the skull of a Sternothile, but now vous though they seems to be cornion - Killed a Groungs with bisculphiels of tried it on another without

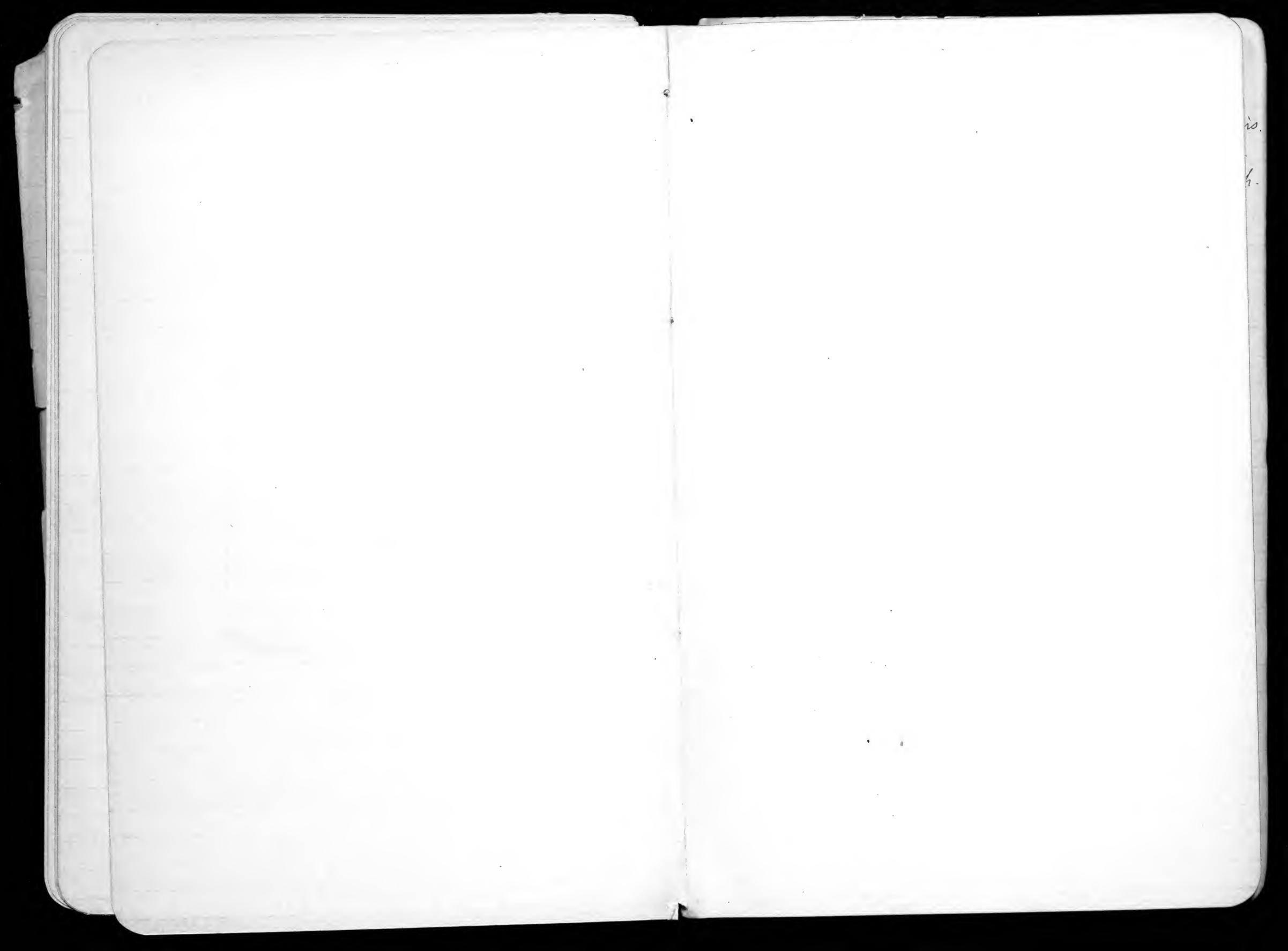
Woodward to Kiowa

success. Think I lave proven that it is not always a sure kill for georys. Their boles wanch and run borigortally and the gopher way fill the bole with dist back of him. Made of skins, paded of + started for Kiowa, Kansas, of 12:30 After crossing the North Fork Cavadian Kins the country did not charge much till we struck the little cavors running toward the Cinwaron River. These were full of Junifers, Odar Elm, + a servbook. Randown a long grade among clay butter and badlands into the Cimmaten Valley. The bottom of the valley is plat, sardy, several miles wiels. Covered with solf grass and spotobulus alkalig is abundant. The river bed is a quat stretched savd, dry save a little stream of muldy water vear the edge. Mesquites are oburdant through the It ad land part of the valley and all up the speche and the South side! Great drifts of Clear sand 40 or 50 feet high extend along the rorth side of the river. Elms, Cottonwood, Walnut, + Celtis, grow along the worth side in patches. Hether are shall a security. Wagnoka is not far from the river and I wight love stayed thele with The telegraph ofelotos if I had known about it. lifter passing Eagle Chief a water tank +

Kiowa, Kansas sign board, the country became avois boel, just prairie all crowd as far as you can see, Left listeriusia soon ofter crossing to Cimarron and some other plants. - about the saw to tiowa George abundant all the way T also Cyronys. Perodipus toles were convon wherever there were sandy bouts. Saw Wilvalus, Saw a Milvalus of to Cenamaron River, le of Salf Fork of arkansas, Tove at Riowa. Reached King at 3 P.M. West out + set some traps. Caughta George + slot 2 Sperwophiles. aug. 31 Caught another geomy - an Ony obomys + a Spernophile. Stot three Spernophiles 9 2 Prairie Dogs. Took up my traps. Skinned things and packed some spiciwers. Sefe. Timished packing spicious & Trems and started for Wichita on the Mo. Pacific train at 1:10 P.M. Crassed a river - Salt Fork I suppostholes were common along its sandy flets. Georges hills were obtavelant, all doing from Miong & Conway Spes. but von

Kiowa to Wichita seen from they to Wiehita. Where the Gophers were the sail was sandy where they were not seen it was clay. Cyrouns was convor from Kiowa. up towards Couway Sprilgs but not seen father on. Levaidura naeroma was in slubble figlds by thousands. The flocks were deuse for wany acrestin extent. North of Hagellow I saw the first aworphia caredows seen in coming with except a little along vear Glagies. north of Untrong of beaut labendant and al characteristic plant. Is protobly the best Carolinan plant of the plains! Oxitrofis lamberti was scattered along wast of the way. The country from Keong to Wichita is all prairie, good land, nearly all fenced and under cultivation of fasture. Oraps an good, good follows and fairly good farm buildings. South of Conway Sprs. if is mostly Landing soil, wouth of they worthy clay except the sandy riod bottoms of the Whansos M.

Sep. 2 Left Wichita last night at 9:45 and this morning it grew light as we reached Orawatomic oil the Mo. Pac. R. R. enroute for Kansas City + St. Louis. From Osawatowie to Kansas City Joan no George bills you any till we passed Holden Between Holden and Sedalia I saw geory, work on the way & It Louis, East of warrensburg was a halch of level ground covered with the mounds De convon faither south, perhaps 40 acres of them after passing Jefferson City we followed down the Moll. wast of the way to St. Louis and I rode! much of the way on the plotoem to watch for untrouparian plants, but failed to see ord good on. Paupau Persimons, & Tecava radians were all that suggested to fore to all of these last far wite Carolinan. Ellis, Ironwood, waterbeech, Bass-wood, Sycamore, Honey locust, Gulrous mucheinburgis, prims (2), rulea, nacracapa Wha and others were common. Hickory, walnut, cottonwood, Weer dasycarpun, & other trees were convon.



Proff. W. Troughte - Chatagua, Miss. via Bay St. Louis. Gustave Rohn - 14, Corondlet St., New Orleans -William Hall, Houwa, La. Ferre Borne Parish. Rodney "
avdiew Van." · Ralph Bisland Levi Marsh, Washington, Miss. Wisses anna + Kate Bailey (Dentsy Bailey) White, Mer Rouge, La. Mr. Mathews, arthur, Zex. m7. Stwart Dr. T.H. Jones., Galena, Mo. Mr. Truwan S. Powell ... William Powell Waldo Mr. Grier, Cairo, Kansas. Jack Beverland, Ponca agency O.T. J. L. Hayes, Jainesville, Tex: Mrs. Willhard Mr. Edward Shy, Pan Handle, Texas. Mr. Clarkson, Woodward, Okla. Ter.





